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I Tooth erosion inhibitors containing diphosphonic acid compounds

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O Jpn. Kokai Tokkyo Koho, 6 pp.

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B Preventive agents for tooth erosion, i.e. dissoln. of enamels due to acid dust, acidic drugs, duodenogastric reflux, carbonated beverages, vitamin C ingestion, etc., contain diphosphonic acid compds. Pretreatment of a tooth with an aq. soln. of EHDP (ethane-1-hydroxy-1,1-diphosphonic acid) prevented elution of Ca due to soaking in HCl soln. (pH 3) for 5 min. Dentifrices and mouthwashes contg. EHDP were also formulated.

C ICM A61K007-16

C 62-7 (Essential Oils and Cosmetics)

T dentifrice diphosphonic acid tooth erosion inhibitor; acid tooth erosion inhibitor hydroxyethylidenebisphosphonic acid

T Tooth

(disease; tooth erosion inhibitors contg. diphosphonic acid compds.)

T Dentifrices

Mouthwashes

(tooth erosion inhibitors contg. diphosphonic acid compds.)

T 2809-21-4, EHDP

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(tooth erosion inhibitors contg. diphosphonic acid compds.)

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